APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Investigations on Conjugated Systems. LXXX. Infrared Spectra of Some α,β-Unsaturated Acetylenic Aldehydes and Ketones, by A. A. Petrov, G. I. Semenov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 11, 1957, pp 2947-2950.

Consultants Bureau

Sci - Chem

Jan 59

78,789

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Investigations in the Field of Conjugated Systems. LXXIV. The Interaction of Propargylbromide with Aliphatic Aldehydes under the Conditions of the Reformatsky Reaction, by A. A. Petrov, Yu. I. Porfiryeva and G. I. Semenov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 5, 1957, pp 1175-1178.

Consultants Bureau

72,948

Sci - Chem
Sep 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Investigations of Conjugated Systems. [illegible] The Sequence of Addition of Alkyl [illegible] to Vinylalkylacetylene, by A. A. Petr[illegible], Yu. I Porfir'eva, G. I. Semenov, 4 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol [illegible], No 9, 1958, pp 2325-2327.

CB

Sci - Chem
Oct 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Investigations in the Field of Conjugated Systems. LXXIV. The Infrared Spectra and Reactivity of Vinylacetylene Hydrocarbons, by A. A. Petrov, Yu. I. Porfiryeva and G. I. Semenov, 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII No 5, 1957, pp 1167-1174.

Consultants Bureau

Sci - Chem

Sep 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Investigations in the Field of Conjugated Systems. LXXIII. The Order of Addition of Bromine to Vinylacetylene, by A. A. Petrov, G. I. Semenov, N. P. Sopov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957, pp 928-932.

Consultants Bureau

Sci - Chem
Aug 58

69, 2 2, 7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Investigations in the Field of Conjugated Systems. LXXIII. The Order of Addition of Bromine to Vinylacetylene, by A. A. Petrov, G. I. Semenov, N. P. Sopov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVII, No 4, 1957, pp 928-932.

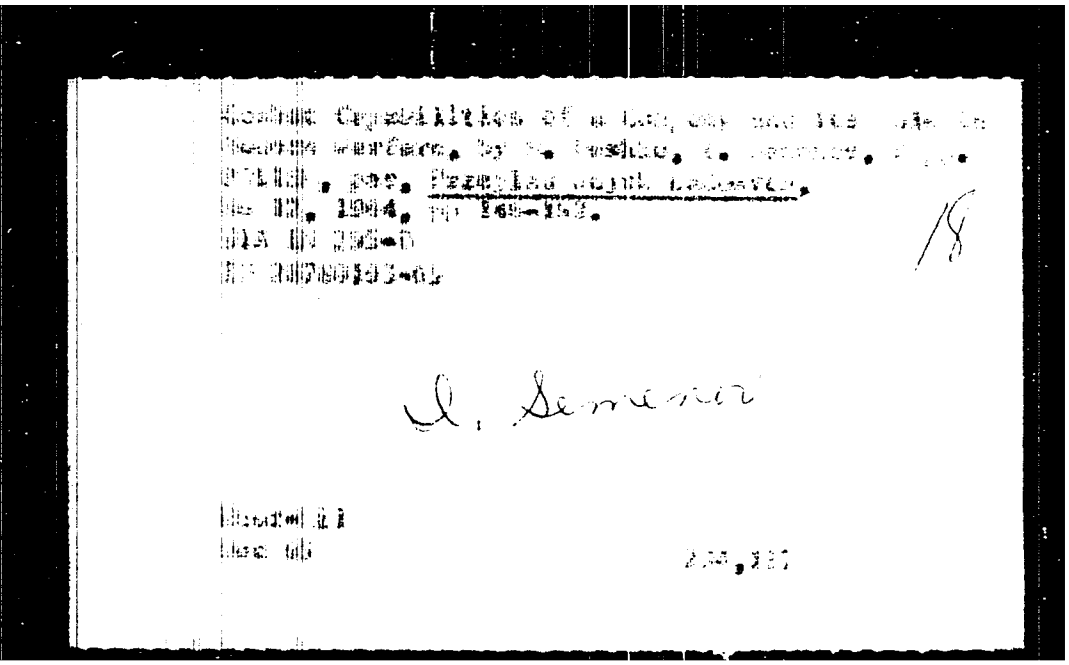
Consultants Bureau

Sci - Chem
Aug 58

69, 2 3. 7

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(SF-1550)

WHAT WE AGREE WITH, BY I. SEMENOV, K. BUSHMANOV. 4 PP.

RUSSIAN, NP, KRASNAYA ZVEZDA, 20 FEB 1962, P 2.

JPRS 13595

USSR
MIL
MAY 62

193,096

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(DC-2800/31).

Academy's [illegible] Party Committee and Military Scientific Work (Party Committee of Engineering Academy, by I. Semenov, 4 pp.

RUSSIAN, mp, Sovetskaya Aviatsiya, 25 Jun 1960, p 2.

JPRS 39497

USSR
Mil

128,152

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

A Compendious Work on the Socialist World Economic System, by O. Bogomolov, G. Gertsovich, A. Martyanov, I. Semenov, 5 pp.

RUSSIAN, par, Voprosy Ekonomiki, No 2, 1959.

Internatl Arts and Sci Press
Vol II, No 2

Aug 59

93,971

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

KEH-
(NY-5100/9)

"Economize:" - A Hard Look at the River Transport Profits Picture, by I. Semenov, 4 pp.

RUSSIAN, np, Vodnyy Transport, 1 Jun 1961.

JPRS 10182

USSR

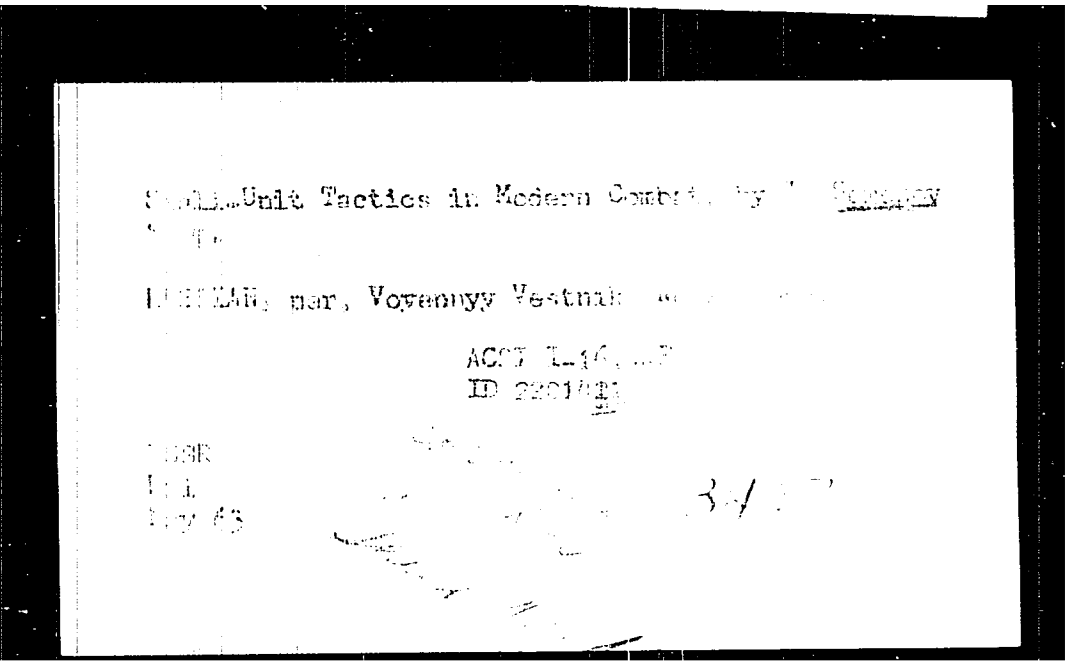
172,036

Econ

Oct 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



...Unit Tactics in Modern Comb...

...mar, Voyennyy Vestnik ...

ACC L-16...
ID 2201[illegible]

...SR
...
...y 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Small-Unit Tactics in Modern Combat, by I Semenov, 6 pp.

RUSSIAN, per, Voyennyy Vestnik, No 2, 1963.

ACSI I-1611-B
ID 2201121

USSR
Mil
May 63

341, 054

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Socialist Division of Labor in the Fuel and Power Branches of Industry, by A. Voynov, I. Semenov, 8 pp.

RUSSIAN, per, Voprosy Ekon, No 12, 1960.

Interntl Arts & Sci Press
Problems of Economics
Vol III, No 12

USSR

155, 311

Econ

Jun 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(FDD 28043)

Building of a Socialist Economy in the European People's Democracies, by I. Semenov, N. Sokolova, 33 pp.

RUSSIAN, no per, Voprosy Ekonomiki, No 3, Moscow, Mar 1956, pp 159-173.

CIA/FDD U-6517

EEur - People's Democracies

Econ

58,387

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Asynchronous Motor Speed Regulation by a Valve-Contact Cascade Circuit, by I. B. Semenov, V. Z. Yarina, 7 pp.

RUSSIAN, pur, Avtomat i Telemekh, Vol XX, No 8, 1959, pp 1121-1128.

Instrm Soc of Amer

Sci

Apr 60

114,673

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

On the Design of a Contact Frequency Transformer for Asynchronous Motor Control, by M. V. Meyerov, I. B. Semenov, V. Z. Yarina, 8 p.

RUSSIAN, per, Avtomat i Telemekh, Vol XX, No 1, 1959, pp 45-53.

Instru Soc of Amer

Sci

112,493

Apr 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Methods Of Increasing the Life Of Traction Motor Armature Bearings., by O. I. Zaikin and I. M. Semenov. RUSSIAN, per, Elekt. Sorokov. Tyaga., Vol 17 C, No Sep, (9) 1960, pp 9-11.
MRA/90M. 63 1965 (3666))

I. M. Semenov

Del *
Sep 67

40,042

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Semiconductors in Pr[illegible]
by K. Semenov, 7 pp.

RUSSIAN, per. Morskoy Flot, [illegible] 1960, pp [illegible]

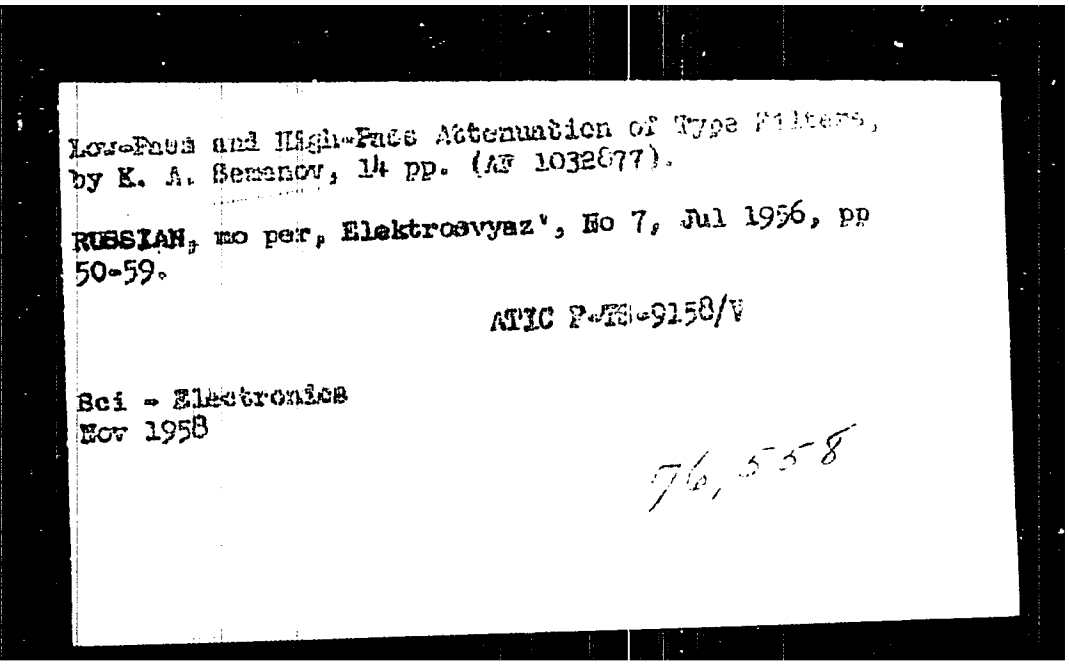
JPRS 6234

Sci - Engr

May 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Low-Pass and High-Pass Attenuation of Type P Filters, by K. A. Semenov, 14 pp. (AF 1032677).

RUSSIAN, no per, Elektrosvyaz', No 7, Jul 1956, pp 50-59.

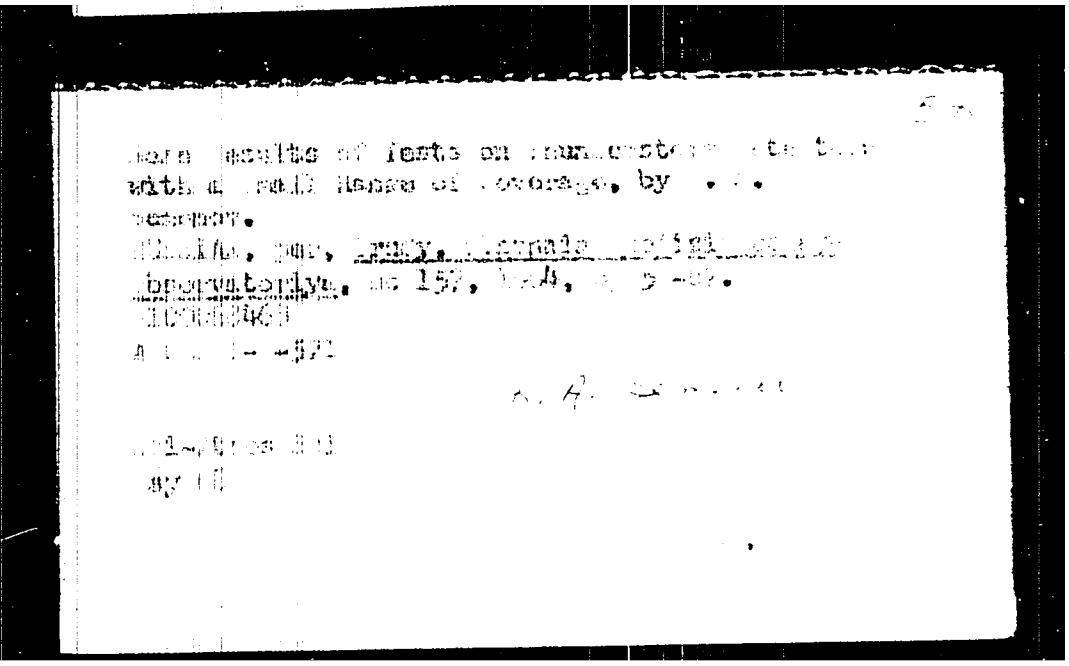
ATIC P-TS-9158/V

Sci - Electronics
Nov 1958

76, 558

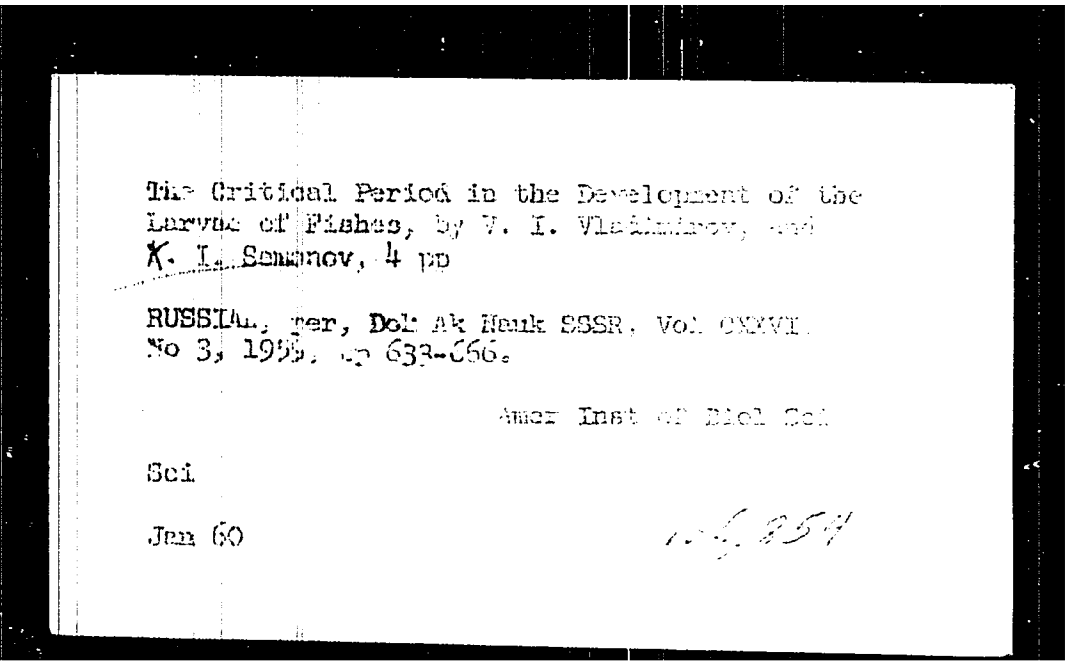
APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



The Critical Period in the Development of the Larvae of Fishes, by V. I. Vladimirov, and K. I. Semenov, 4 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVI No 3, 1959, pp 638-666.

Amer Inst of Biol Sci

Sci

Jan 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

/Concerning the Developmental Stages of Sturgeon Larvae, by K. I. Semenov, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXI, No 2, 1958, pp 389-.

Amer Inst of Biol Sci

Sci - Med

96,084

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Effect of Different Light Conditions on the Development of Sturgeon Larvae in the Period from Hatching to Transition to Active Feeding (Artificial Breeding), by K. I. Semenov, 4 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXIII, No 4, 1957, pp 937-940.

Amer Inst of Biol Sci

Sci - Med

58,293

Feb 58

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

An Amplifier for Strain Measurement with Wire Resistance Gages, by K. V. Semenov, V. V. Spirov, 3 pp.

RUSSIAN, per, Izmeritel Tekh, No 6, 1958, pp 36-37.

Instru Soc of Amer

Sci

Apr 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Mechanical Measurement of Static Deformation in an Alternating Temperature Field, by K. V. Semenov. UNCL

RUSSIAN, per, Zavod Lab, Vol XXII, No 5, 1956, pp 573-579.

DSIR LLU RTS 1089

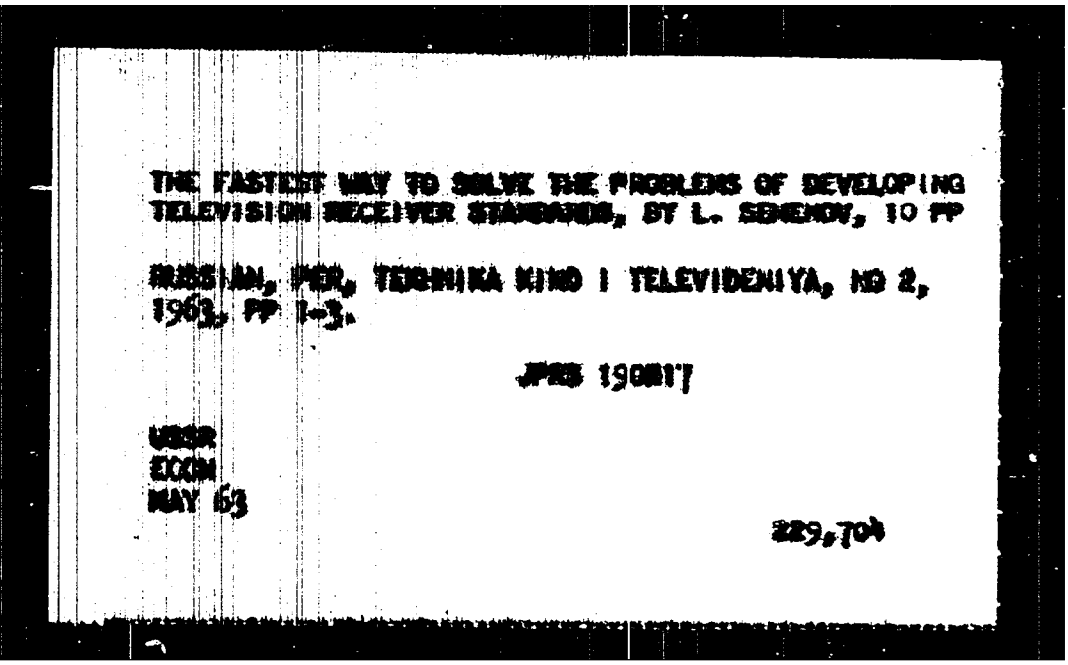
17s. 6d.

Sci - Phys
Jun 59

88,510

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



THE FASTEST WAY TO SOLVE THE PROBLEMS OF DEVELOPING TELEVISION RECEIVER STANDARDS, BY L. SEMENOV, 10 PP

RUSSIAN, PER, TEKHNIKA KINO I TELEVIDENIYA, NO 2, 1963, PP 1-3.

JPRS 19081?

USSR
ECON
MAY 63

229,704

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Institute and the Innovators, by L. Semenov, 4 pp.

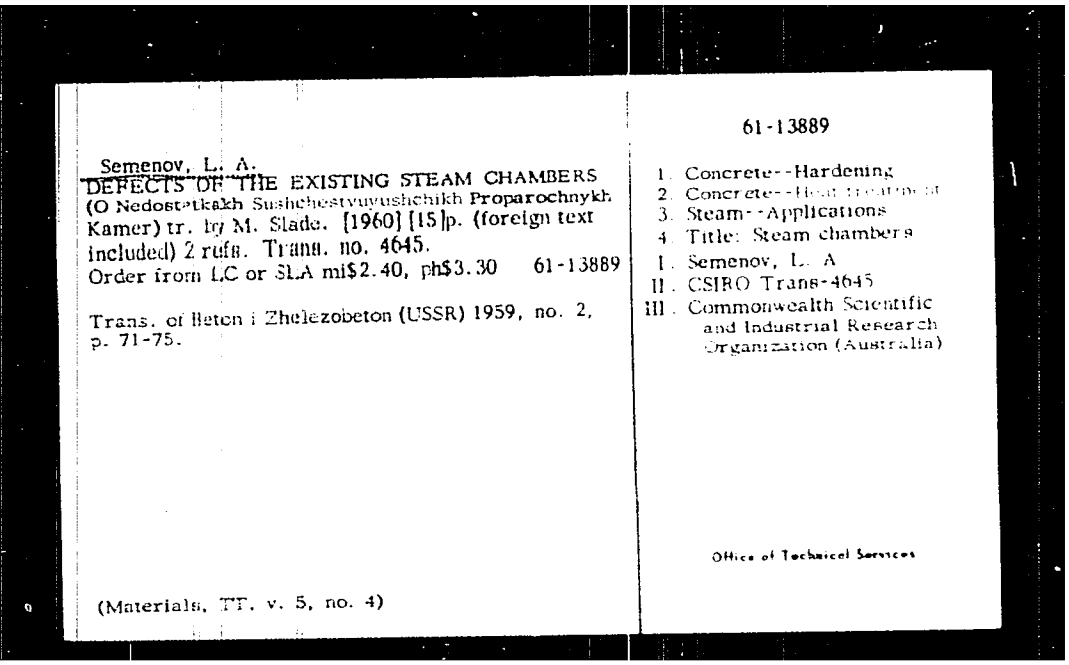
RUSSIAN, np, Izvestiya, 31 Jan 1962.

NLL Tr Bulletin
Vol 4, No 8, 1962
(loan)

USSR
Soc
Sci
Oct 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Semenov, L. A.
DEFECTS OF THE EXISTING STEAM CHAMBERS (O Nedostatkakh Sushchestvuyushchikh Proparochnykh Kamer) tr. by M. Slade. [1960] [15]p. (foreign text included) 2 refs. Trans. no. 4645.
Order from LC or SLA mi$2.40, ph$3.30 61-13889

Trans. of Beton i Zhelezobeton (USSR) 1959, no. 2, p. 71-75.

(Materials, TT, v. 5, no. 4)

61-13889

1. Concrete--Hardening
2. Concrete--Heat treatment
3. Steam--Applications
4. Title: Steam chambers
I. Semenov, L. A
II. CSIRO Trans-4645
III. Commonwealth Scientific and Industrial Research Organization (Australia)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(NY-4598)

The Testing of Indolamine Compounds in the Prophylaxis of Radiation Sickness, by L. P. Semenov, 11 pp.

RUSSIAN, per, Medit Radiol, vol V, No 5, 1960.

JPRS 5403

Sci - Med

Sep 60

125, 421

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(NY-3315)

The Alteration of Certain Indices of the Functional Condition of the Cutaneous Blood Vessels of Monkeys in Acute Radiation Sickness, by V. V. Yakovlev, L. F. Semenov, 10 pp.

RUSSIAN, per, Medit Radiolog, No 11, 1959.

JPRS L-1195-N

Sci - Medicine

Oct 60

130,894

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

THE USE OF STREPTOMYCIN IN THE PREVENTION OF ACUTE RADIATION SICKNESS, BY L. F. SEMENOV, 8 PP.

RUSSIAN, PER, ANTIBIOTIKI, VOL VII, NO 10, 1962, PP 912-916.

JPRS 16471

;SCI - MED

DEC 62

216,125

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Application of Adrenalin and Acetylcholine in the Combination for the Prophylaxis of Radiation Disease, by L. F. Semenov, Ye. A. Prokudina, 5 pp.

RUSSIAN, bimo per, Med Radiol, Vol II, No 3, Moscow, May/Jun 1957, pp 35-40.

US JPRS/DC-L-764

Sci - Med
Sep 58

73,577

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Telecontrol of Cranes, by V. S. Polkovnikov, L. N. Semenov, et al, 3 pp.

RUSSIAN, per, Vest Mashinostroy, No 10, 1961, pp 17-20.

PERA

Sci
23 Jul 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Effect of Irradiation on Certain Properties of Graphite, by V. M. Agranovich, L. P. Semenov, 11 pp.

RUSSIAN, per, Atom Energ, Vol X, No 6, [illegible]
9672112

FTD-TT-61-30

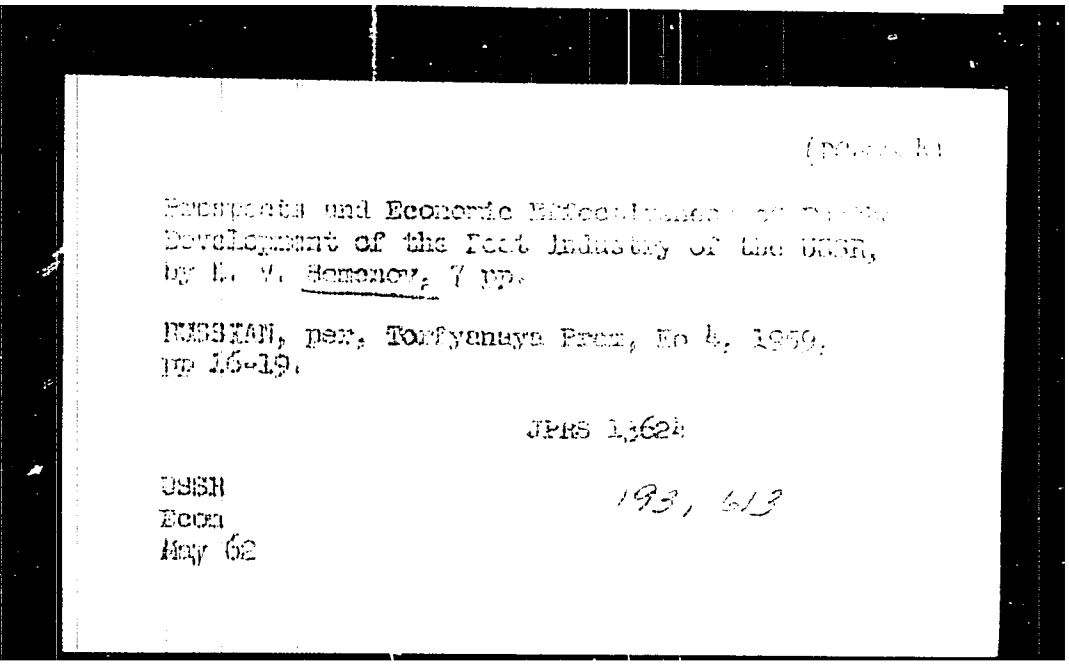
Sci - Phys

180, 257

18 Jan 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



(p...k)

Prospects and Economic Effectiveness [illegible]
Development of the Feed Industry of the USSR,
by L. V. Semenov, 7 pp.

RUSSIAN, per, Torfyanaya Prom, No 4, 1959,
pp 16-19.

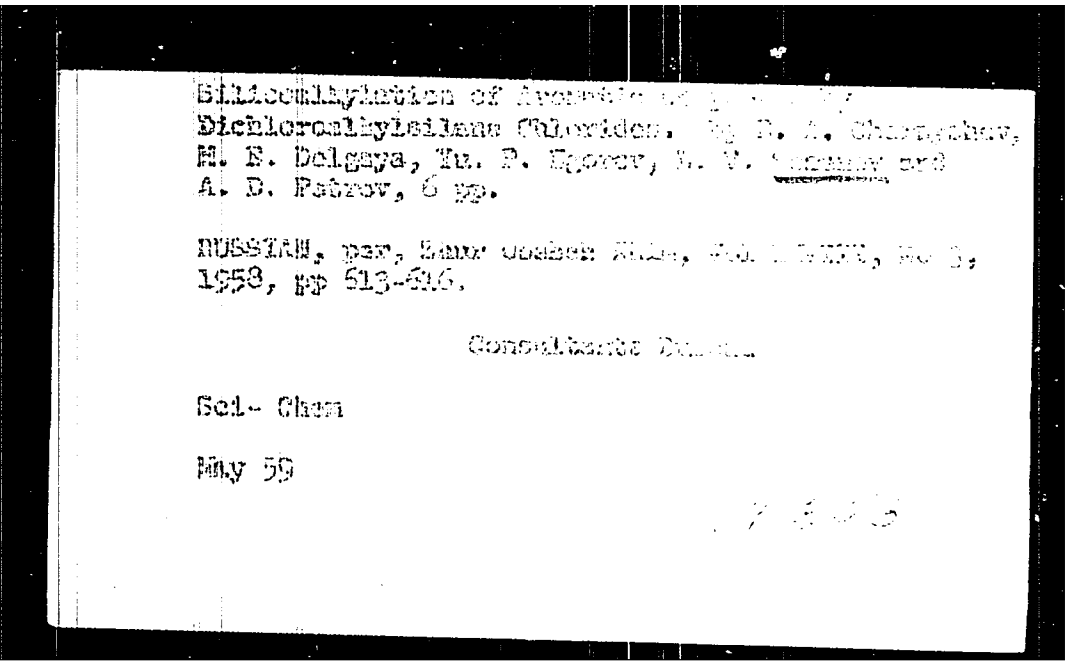
JPRS 1,624

193, 613

USSR
Econ
May 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Dichloromethylsilane Chloride. by D. A. Chernyshev, M. E. Dolgaya, Yu. P. Egorov, L. V. [illegible] and A. D. Petrov, 6 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXVIII, No 3, 1958, pp 513-516.

Consultants Bureau

Sol- Chem

May 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Effect of Various Additions to Hot-Dip Aluminizing Baths upon the Size of the Intermetallic Zone, by M. E. Semenov.

RUSSIAN, per, Liteinoe Proiz, No 7, 1962, pp 26, 27.

HB 5906

Sci-M&M
May 63

229,814

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

New Method of Isolating Fumagillin. Potassium Salt and its Biological Properties, by M. N. Semenov, A. B. Silaev.
RUSSIAN. per, Antibiotiki, Vol 9, No 4, 1964, pp 311-314.
NRC/C-5385

M.N Semenov

Sci -
Jul 67 333,939

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Isolation and Chemical Purification of Fumagillin, by A. B. Silayev, M. N. Sevanov, 6 p.

RUSSIAN, per, Antibiotiki, 1958, Vol III, No 4, pp 3-6.

SLA 59-15710

Sci
Dec 59
Vol 2, No 6

104,230

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

New Method of Isolating Fumagillin Potassium Salt and its Biological Properties, by M.N. Semenov, A.B. Silaev.
RUSSIAN, per, Antibiotiki, Vol. 9, No. 4, 1964, pp 311-314
NRC/C-5385

Sci -
Aug 67

335-571

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Talent and Youth, by N. Semenov.

RUSSIAN, np, Izvestiya, 16 Dec 1961.

Current Digest and Soviet Press
Vol XIII, No 50, pp 29-30.

Sci
USSR
Soc
Jan 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(SF-167)

SCIENCE AND SOCIAL PROGRESS, BY N. SEMENOV, 9 PP.

RUSSIAN, NP, IZVESTIYA, NO L56 [illegible] (13702), 2 JULY 1961, P 3.

JPRS 13700

SCI - MISC

MAY 62

14,352

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

S-4406 (NY-1704)

The Century of Polymer Materials Has Begun, by N. Semenov, 6 pp.

RUSSIAN, d np, Izvestiya, 24 May 1958, p 3.

US JPRS/NY-L-266

USSR
Sci - Chemistry
Soc - Education

69, 5-79

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

On the Constants of the Reaction $H-O_2=OH-O$ and $H_2-O_2=2OH$, by N. Semenov, 12 pp.

RUSSIAN, per, Acta Physicochimica U.R.S.S., Vol XX, No 3, 1945.

Available in English at LC

Sci

Aug 60

121,699

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(EY-5146)

Anti-Religious Articles in Soviet Publications, by N. Semenov, XXXXXX et al, 5 pp.

RUSSIAN, per, Nauka i Religiya, No 9, SE 1960, pp 3-5.

JPRS 7314

USSR
Soc
Jan 61

136,133

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(FDD 25371)

State Structure and Administrative Organs of the USSR and RSFSR, by N. Semenov, 130 pp.

RUSSIAN, mimeo bk, Gosudarstvennoye Ustroystvo i Organy Upravleniya, SSSR i RSFSR, Munich, 1954, pp 3-132.

CIA/FDD Tr 479 28,786

USSR
Pol - State structure, administration

CTS 73/Oct 55

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Interview with Academician N. Semenov, 7 pp.
RUSSIAN, per, Nedelya, No. 19, 30 Apr-6 May 1967, pp. 11, 20-21.
JPRS 41816

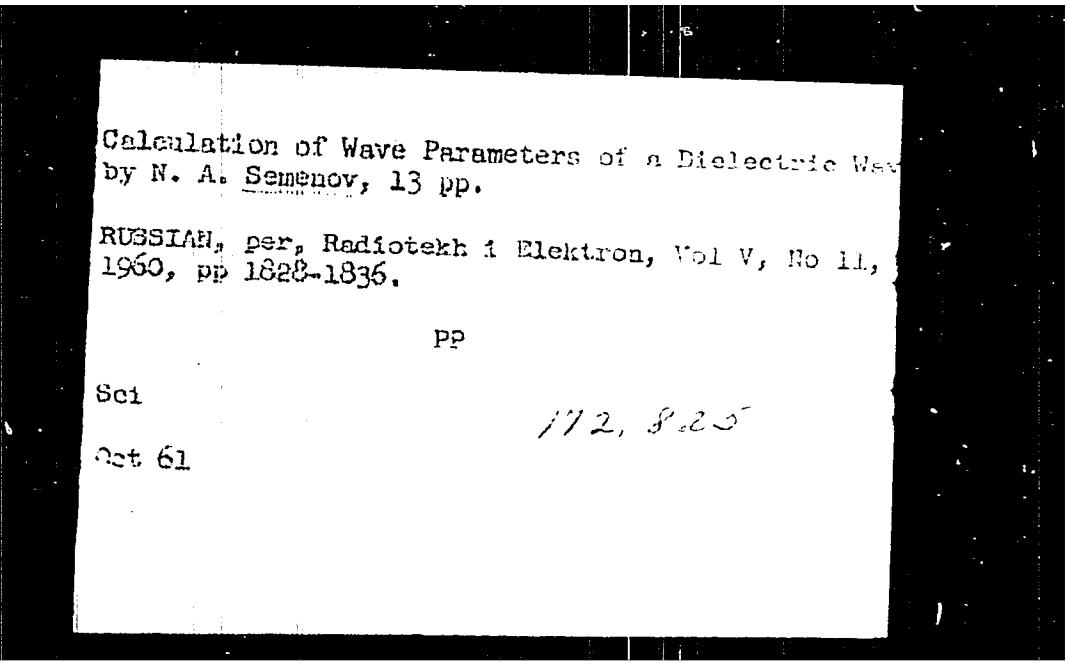
N. Semenov

USSR
Sci-Misc
Sept 67

339,192

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Calculation of Wave Parameters of a Dielectric Wav
by N. A. Semenov, 13 pp.

RUSSIAN, per, Radiotekh i Elektron, Vol V, No 11,
1960, pp 1828-1836.

pp

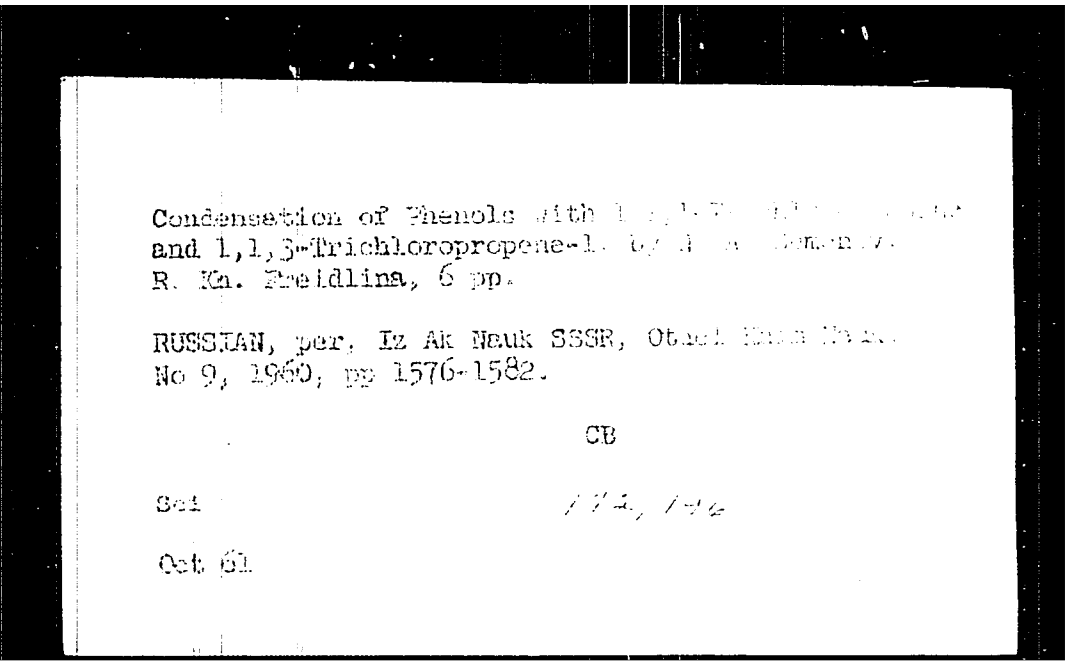
Sci

172, 825

Oct 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Condensation of Phenols with 1,1,3-Trichloropropene-1 and 1,1,3-Trichloropropene-1. [illegible]
R. Kh. Freidlina, 6 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Khim Nauk.
No 9, 1960, pp 1576-1582.

CB

Sel 1/24, 1/42

Oct 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Synthesis of Dicarboxylic Acids of the Type $HOOC(CH_2)_mC_6H_4(CH_2)_nCOOH$, by A. N. Nesmeyanov, R. Kh. Freidlina, N. A. Semenov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdal Khim Nauk, No 11, 1960, pp 1969-1973.

CB

Sci
May 62

194,439

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Synthesis of Aromatic Compounds of Types $ArCH_2CH = CCl_2$ and $Ar'(CH_2CH = CCl_2)_2$, by R. Kh. Freidlina, N. A. Semenov, A. N. Nesmeyanov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1959, pp 652-656.

CB

Sel. -
May 61

152, 737

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Preparation of α,γ,ω-Trichloroalkanes, [illegible] $\alpha,\alpha,\omega,\omega$-Tetrachloroalkanes, by A. F. Nesmeyanov, N. A. Semenov, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1959, pp 2119-2121.

CB

Sci
Oct 60

131,322

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Reactions of 3.3.3. Trichloropropene and 1.1.1.3-Tetrachloropropane with Aromatic Amines, by R. Kh. Freidlina, N.A. Semenov, 4 pp.

RUSSIAN, por, Iz Ak Nauk, SSSR, Otdel Khim Nauk, No 4, 1957, pp 466-470.

Consultants Burgu[a]

Sci - Chem

May 59

87,209

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Transformation of a Pulse Signal Waveform on a Background of Smooth Noise, Using a Minimum-Limited Linear Detector, by N. A. Semenov.

RUSSIAN, per, Electrosviaz, 1958, No 5, pp 52-57.

Pergamon Press

Sel

Feb 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Attenuation in a Dielectric Waveguide, by N. A. Semenov, 9 pp.

RUSSIAN, per, Nauch Dok Vysshey Shkoly, Radiotekh i Elektr, No 1, 1959, pp 83-90.

MDF 8-164

Sci - Electron
Jul 61.

161, 378

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Ex Condensation of 3,3,3-Tichloropropene With Aromatic Compounds, by A. N. Nesmeyanov, R. Kh. Freidlina, N. A. Semenov, 6 pp.

RUSSIAN, himo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, Nov/Dec 1955, pp 993-998. CIA 54276h C, reel 3.

Consultants Bureau
37,627

Sci - Chemistry

Aug 1956

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

ynthesis of Isoxazoles From β-Chloravinyl Ketones,
y N. K. Kochetkov, A. N. Nesmeyanov, N. A. Semenov,
pp.

ull translation.

USSIAN, Zh ob per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
o 1, Jan-Feb 1952, pp 87-92.

Consultants Bureau

SSR
cientific - Chemistry

Aug 53 CTS 4508

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

AN ANALYTICAL STUDY OF THE SEPARATED LAMINAR FLOW OF A TWO-PHASE MIXTURE IN INCLINED PIPES, BY N. I. SEMENOV, A. A. TOCHIGIN, 9 PP.

RUSSIAN, PER, INZHENERNO-FIZ ZHUR, VOL IV, NO 11, 1961, PP 29#-36. 9677925

FTD-TT-62-717

SIC - ENGR
AUG 62

207,963

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Reduced Coefficients of Frictional Resistance for the Flow of Steam-Water Mixtures in Tubes, by N. I. Semenov, B. I. Sheminin.

RUSSIAN, per, Teploenergetika, No 1, 1960, pp 33-37.

DSIR LAU RTS 1600

Sci - Engr

Oct 60

130,117

SLA: 61-15406

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Relative Velocities of a Steam-Water Flow in Vertical Unheated Pipes, by S. Kosterin, N. I. Semenov, et al.

RUSSIAN, per, Teploenergetika, Vol VIII, No 1, 1961, pp 58-65.

AEC-NLL-RTS-1957

Sci - Engr

Apr 63

227 628

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Hydraulic Resistance of Mixed Gas-Liquid Streams in Horizontal Pipes, by N. I. Semenov.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CIV, No 4 1955, pp 513-[illegible] 516.

Co-Op Tr Ich Tr 257
$1.12s.

Sci - Physics

42, 326

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

N. I. Semenov

Results of an Investigation of the Speed of Sound in Moving Gas-Liquid Mixtures, by N. I. Semenov, S. I. Kosterin
RUSSIAN, per, Teploenergetika, Vol 11, No 6, 1964, pp 46-51.
NTC 71-11009-20A

Feb 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Results of an Investigation of the Speed of Sound in Moving Gas-Liquid Mixtures, by N. I. Semenov, S. I. Kosterin, 13 pp.
RUSSIAN, per, Teploenergetika, Vol XI, No 6, 1964, pp 46-51. 9228780
AEC-WAPD-Tr-15

Sci-Phys
May 65

280,232

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Treatment of Tetanus With a Neuro-
lytic Mixture in Combination With
Barbiturates, by N. K. Semenov

RUSSIAN, no per, Voyenno Med Zhur, No 1,
Moscow, Jan 1960, pp 54-56

US JPRS 2641-N

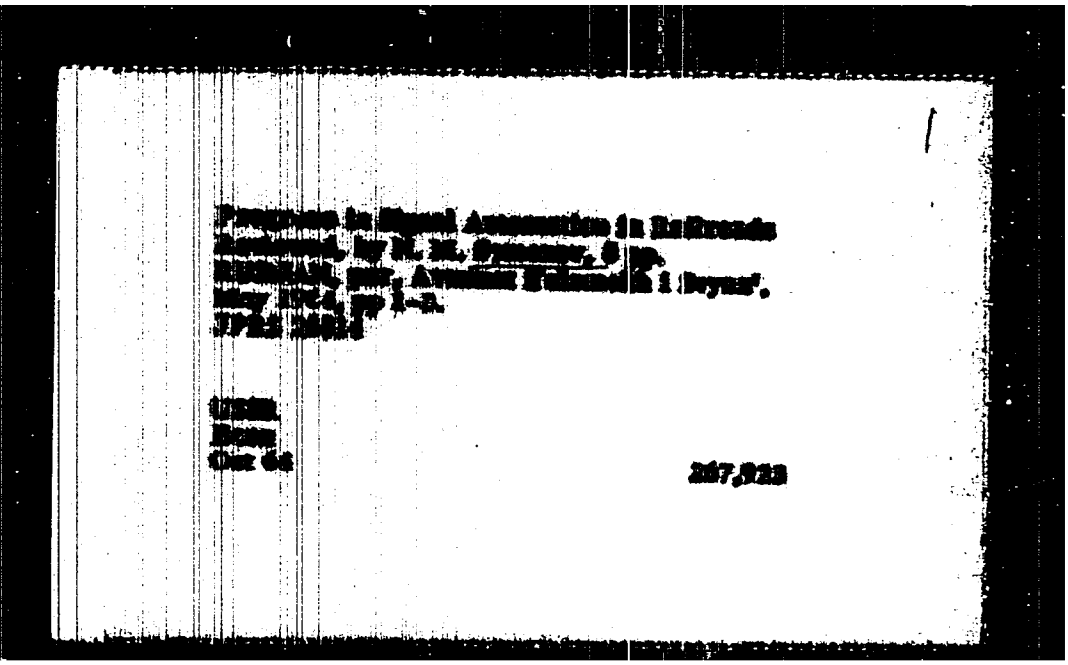
Sci

Jun 60

118,047

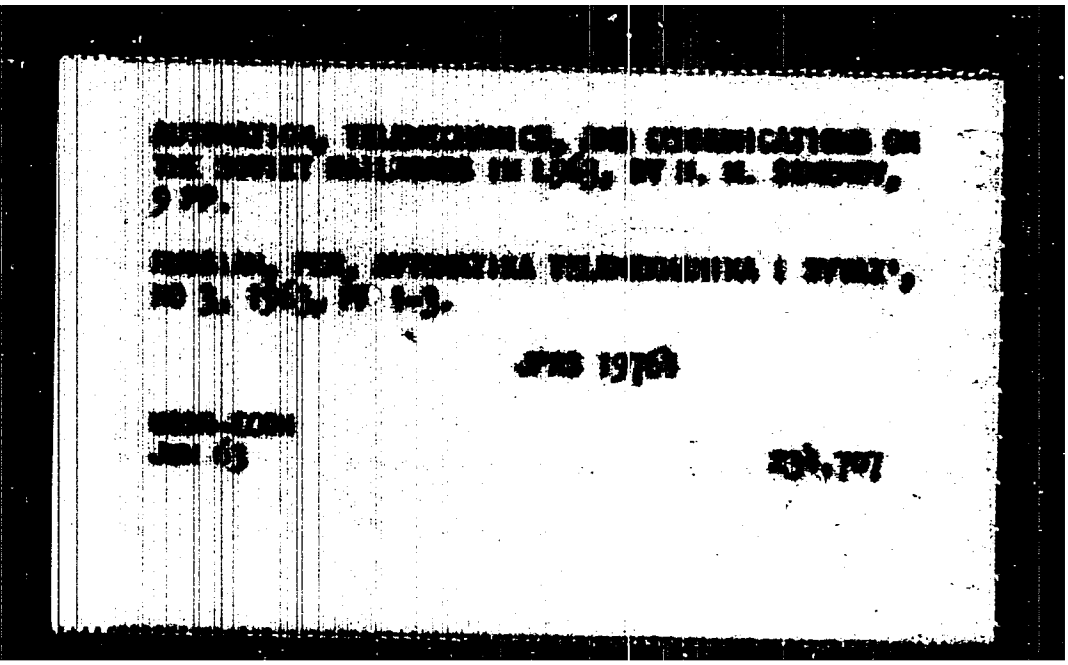
APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



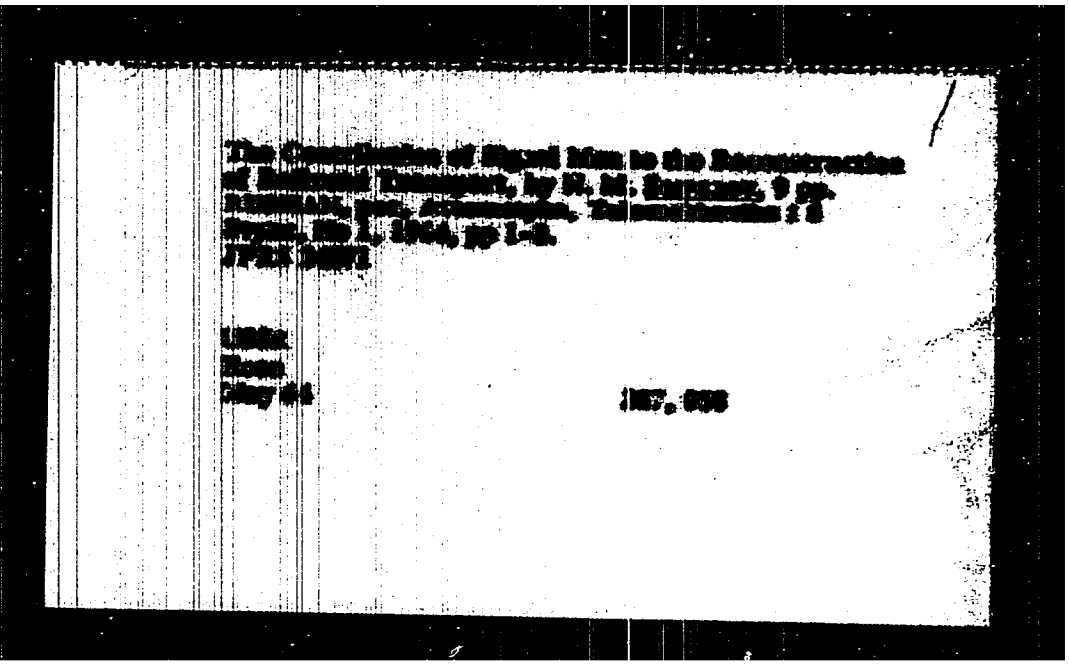
APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(NY-5100)

SIGNALS ADN COMMUNICATIONS ON THE SOVIET RAILROADS IN 1962, A REPORT, BY N. M. SEMENOV, 6 PP.

RUSSIAN, PER, AVTOMAT, TELEMEKH I SVYAZ', NO 2, 1962, PP 1-3.

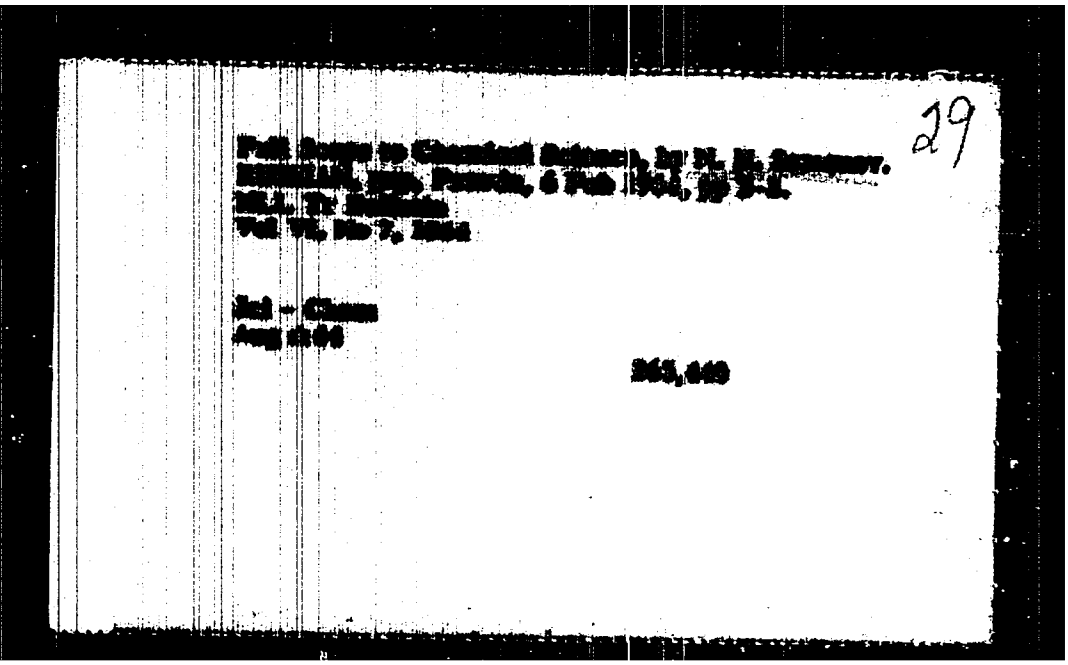
JPRS 14256

USSR
ECON
JUL 62

202,078

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



29

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

N. N. Semenov

Chain-Reactions, by N. N. Semenov
ENGLISH, rpt, International Congress on Catalysis (no 2), Paris, 1960, pp 87-115
NTC 71-15678-07D

feb 72

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Scientific Problems in the Development of Chemistry The December (1963) Plenum of the Central Committee of the CPSU and the Tasks of Soviet Sciences The Report of The Vice-President of the USSR Academy of Sciences, the Academician N. N. Semenov, 19 pp.

RUSSIAN, per, Vest Ak Nauk SSSR, No 4, 1964.

JPRS 25717

Sci-
Aug 64

264,537

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The XXII Congress of the Communist Party of the Soviet Union and the Prospects for the Development of ~~CHEM~~ Chemical Science, by N. N. Semenov, 13 pp.

RUSSIAN, per, Iz Ak Nauk SSR, Otdel Khim Nauk, No 1, 1962, pp 3-18.

CB

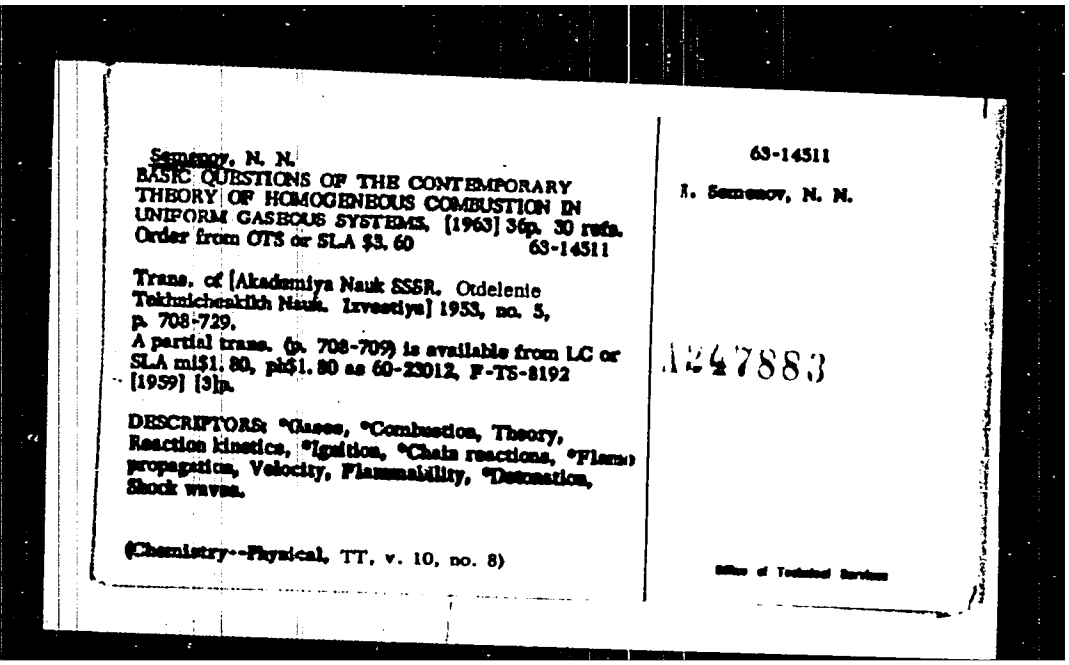
Sci

214,581

Aug 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Semenov, N. N.
BASIC QUESTIONS OF THE CONTEMPORARY THEORY OF HOMOGENEOUS COMBUSTION IN UNIFORM GASEOUS SYSTEMS. [1963] 36p. 30 refs. Order from OTS or SLA $3.60 63-14511

Trans. of [Akademiya Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Izvestiya] 1953, no. 5, p. 708-729.
A partial trans. (p. 708-709) is available from LC or SLA mi$1.80, pi$1.80 as 60-23012, F-TS-8192 [1959] [3]p.

DESCRIPTORS: *Gases, *Combustion, Theory, Reaction kinetics, *Ignition, *Chain reactions, *Flame propagation, Velocity, Flammability, *Detonation, Shock waves.

(Chemistry--Physical, TT, v. 10, no. 8)

63-14511

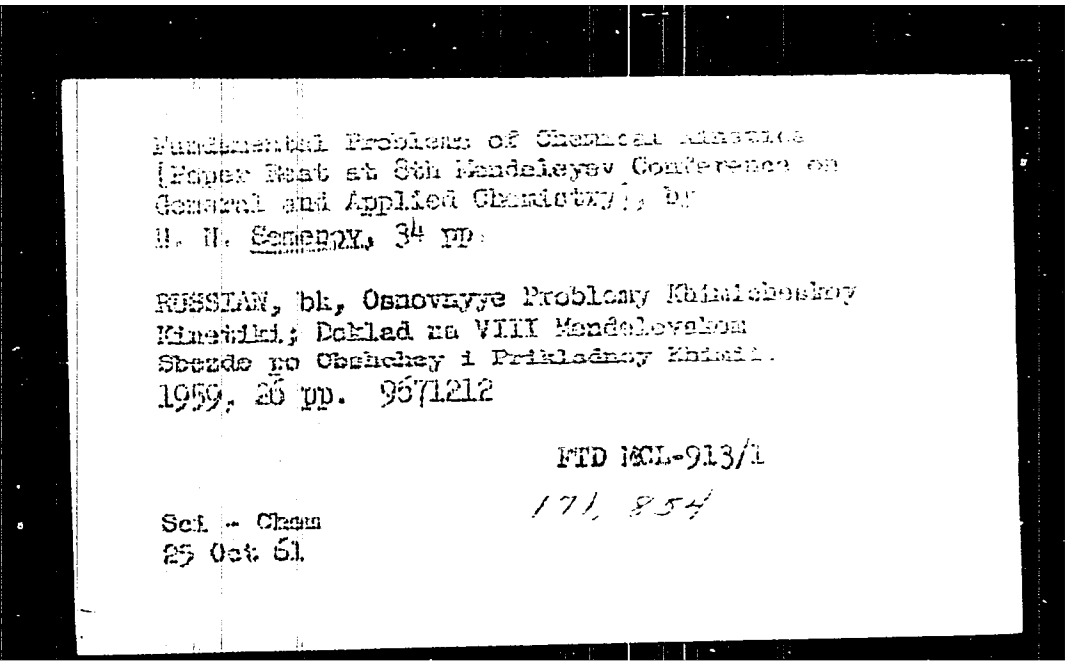
I. Semenov, N. N.

AD247883

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Fundamental Problems of Chemical [illegible]
[Paper Read at 8th Mendeleyev Conference on
General and Applied Chemistry], by
N. N. Semenov, 34 pp.

RUSSIAN, bk, Osnovnyye Problemy Khimicheskoy
Kinetiki; Doklad na VIII Mendeleyevskom
Sbezde po Obshchey i Prikladnoy Khimii.
1959, 26 pp. 9671212

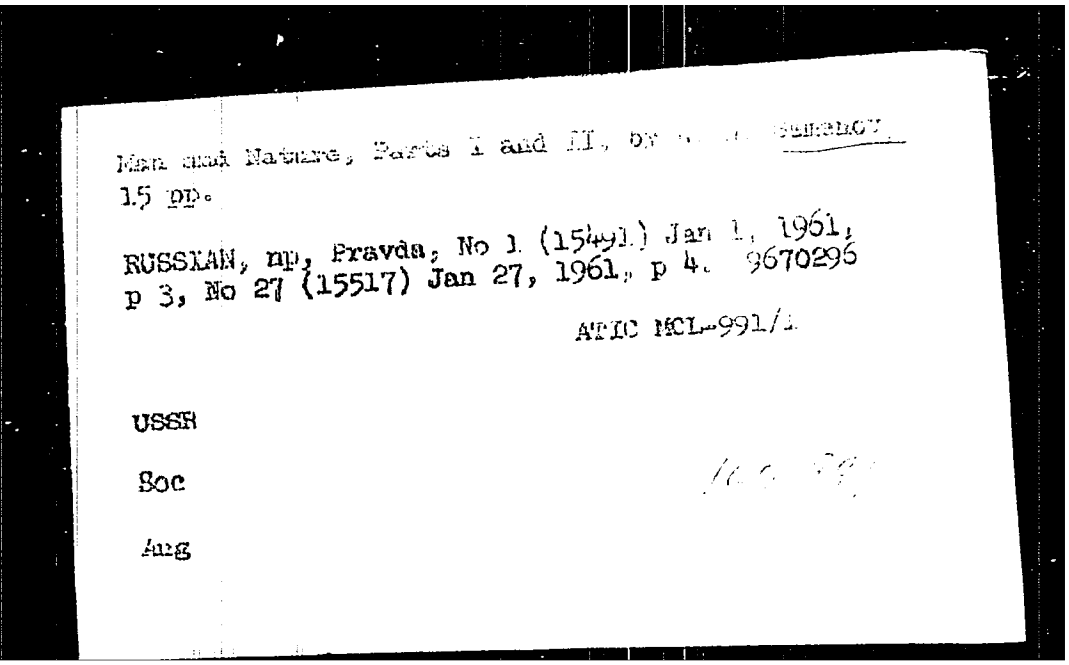
FTD MCL-913/1

171, 854

Sci - Chem
25 Oct 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Man and Nature, Parts I and II, by [illegible]
15 pp.

RUSSIAN, np, Pravda, No 1 (15491) Jan 1, 1961,
p 3, No 27 (15517) Jan 27, 1961, p 4. 9670296

ATIC MCL-991/1

USSR

Soc

Aug

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

An Outstanding Scientific Discovery, by
I. V. Kurchatov, N. N. Semenov, et al.

RUSSIAN, per, Vest Ak Nauk SSSR, Vol XXVIII,
No 12, 1958, pp

SLA 61-13068

168,680

Sci
Sep 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Full Scope to Chemical Science, by N. N. Semenov.
RUSSIAN, mp, Pravda, 6 Feb 1964, pp 2-3.
NLL Tr Bulletin
Vol VI, No 7, 1964

Sci - Chem
Aug 64

265,440

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Chain Mechanism of the Decomposition of Halogenated Paraffins, by N. N. Semenov, 115 pp.

RUSSIAN, per, Uspekhi Khim, Vol XXI, 1952, pp 641-713.

AEC Tr-3976

Sci - Chem
Apr 61

149,039

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(MY-4830)

Propagation of Cold Flame in Fuel Mixtures Containing 0.03% Carbon Disulfide, by V. C. Voronkov, N. N. Semenov, 74 pp.

RUSSIAN, per, Zhur Fiz Khim, Vol XIII, No 12, 1939, pp 1695-1727.

JPRS 7502

Sci - Chem

Feb 61

139373

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Chain Mechanism of the Decomposition of Halogenated Paraffins, by N. N. Semenov, 114 pp.

RUSSIAN, per, Zhur Eksp Khim, Vol XXI, No 6, 1952, pp 641-713.

AEC Tr-3976
PL-480

Sci - Chem
Feb 61
PST No. 77

140, 126

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Semenov, N. N.
ON SOME BRANCHED CHAIN REACTIONS. Mar 51, 14p. M1668.
Order from LC or SLA mi$2.40, ph$3.30 61-13013

Trans. of Akad[emiya] Nauk SSSR. Otd[eleniye] Khim[icheskikh] Nauk. Izv[estiya] 1945, no. 3 [p. 210-222].

(Chemistry--Physical, TT, v. 5, no. 6)

61-13013

1. Chain reactions--Theory
I. Semenov, N. N.
II. DSIR LLU M.1668
III. Atomic Energy Research Establishment (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Semenov, N. N.

THE MECHANISM OF THE OXIDATION OF SIMPLE HYDROCARBONS (Mecanisme de l'Oxydation des Hydrocarbures Simples). [1960] [17]p. 26 refs.
Order from SLA mi$2.40, ph$3.30 61-10467

Trans. of Chim[ie] et Ind[ustrie] (France) 1958, v. 79 [no. 1] p. 3-10.

The writer has investigated the oxidation of petroleum hydrocarbons. At low temperatures, photochemical reactions give hydroperoxides. These give aldehydes when the temperature rises. When higher hydrocarbons are oxidized, hydroperoxide radicals may be isomerized in two different ways, giving numerous intermediates. The thermal oxidation reaction can take place without any energy of activation, through the formation of active centers, which can develop most efficiently on the walls of the container. The initial reaction may be stimulated by means of active additives or of penetrating radiations. (Author)
(Chemistry--Physical, TT, v. 5, no. 6) (over)

61-10467

1. Hydrocarbons--Oxidation
I. Semenov, N. N.

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Semenov, N. N.
TYPES OF KINETIC CURVES OF CHAIN REACTIONS. II. CALCULATING THE INTERACTION OF ACTIVE PARTICLES (O Tipakh Kineticheskikh Krivykh Tsepnykh Reaktsiy. II. Uchet Vzaimodeystviya Aktivnykh Chastits). 11 Jan 61, 12p. 3 refs. JPRS: 7509.
Order from OTS $0.50 61-11782

Trans. of Akademiya Nauk SSSR. Doklady, 1944, v. 44, no. 2, p. 68-73.

(Chemistry--Physical, TT, v. 5, no. 7)

61-11782

1. Chain reactions--Analysis
I. Semenov, N. N.
II. Title: Calculating...
III. JPRS-7509
IV. Joint Publications Research Service, New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Semenov, N. N.
TYPES OF KINETIC CURVES OF CHAIN REACTIONS (O Tipakh Kineticheskikh Krivykh Tsepnykh Readtsiy). 7 Jan 61, 10p. 6 refs. JPRS: 7311.
Order from OTS $0.50 61-11781

Trans. of Akademiya Nauk SSSR Doklady, 1944, v. 43, no. 8, p. 360-366.

The report demonstrates that equations for the simpler chain reactions are practically identical with those expressing the autocatalytic action of the final products. The similarity is a purely superficial one, since the final products do not actually accelerate simple chain reactions.

(Chemistry--Physical, TT, v. 5, no. 7)

61-11781

1. Chain reactions--Analysis
I. Semenov, N. N.
II. JPRS-7311
III. Joint Publications Research Service, New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Semenov, N. N.
TYPES OF KINETIC CURVES OF CHAIN REACTIONS. III. CALCULATING THE CLEAVAGE OF CHAINS ON THE WALLS OF A CONTAINER USING THE OXIDATION OF HYDROGEN AS AN EXAMPLE (O Tipakh Kineticheskikh Krivykh Tsepnykh Reaktsiy. III. Uchet Obryva Tsepey na Stenkakh Sosuda na Primere Reaktsii Okisleniya Vodoroda). 11 Jan 61, 11p. 7 refs. JPRS: 7510.
Order from OTS $0.50 61-11768

Trans. of Akademiya Nauk SSSR. Doklady, 1944, v. 44, no. 6, p. 265-269.

The effect of chain cleavage on the kinetics of simple chain reactions is examined using the concrete example of oxidation of hydrogen at low pressures, when the case can be limited to cleavage of chains on the walls only. (Author) (See also 61-11782)

(Chemistry--Physical, TT, v. 5, no. 7)

61-11768

1. Chain reactions--Analysis
2. Hydrogen--Oxidation
I. Semenov, N. N.
II. Title: Calculating...
III. JPRS-7510
IV. Joint Publications Research Service, New York

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(NY-4841).

Types of Kinetic Curves of Chain Reactions, III. Calculating the Cleavage of Chains on the Walls of a Container Using the Oxidation of Hydrogen as an Example, by N. N. Semenov, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIV, No 6, 1944, pp 265-269.

JPRS 7510

137,683

Sci - Chem
24 Jan 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

(NY-4841)

Types of Kinetic Curves of Chain Reactions, by N. N. Semmnov, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLIII, No 8, 1944, pp 360-366.

JPRS 7311

Sci - Chem

Jan 61

138,725

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

Some Problems in Chemical Kinetics and Reactivity
by N. N. Semenov, 305 pp.

RUSSIAN, monograph, O Nekotorykh Problemakh
Khimicheskoy Kinetiki i Reaktivnosti
2nd Ed, 1958/1959.

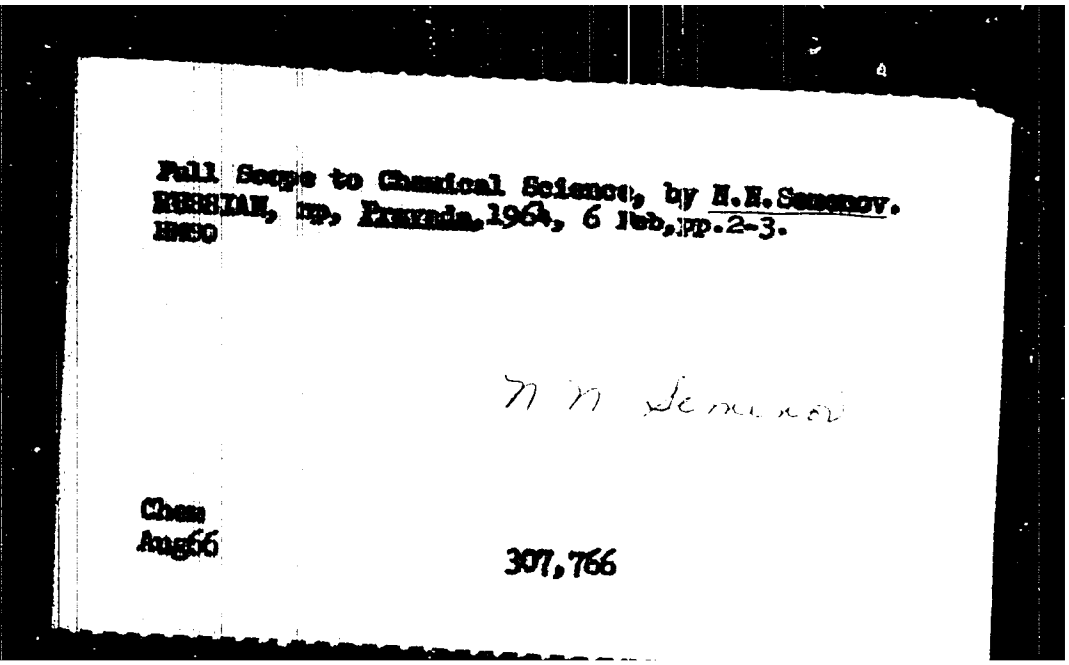
Permamon Press

Sci QD 73 S [illegible]

Mar 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Full Scope to Chemical Science, by N.N.Semenov.
RUSSIAN, np, Pravda, 1964, 6 Feb, pp.2-3.
NNSD

N N Semenov

Chem
Aug66

307,766

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

The Role of Free Valences in Heterogeneous Catalysis, by V. V. Voyevodskiy, F. F. Vol'kenshteyn, N. N. Semenov, 25 pp. (AF 670864).

RUSSIAN, bk, Voprosy Khimicheskoy Kenetiki, Kataliza i Reaktsionnoi Sposobnosti, Moscow, 1955, pp 423-440.

ATIC F-TB-8881/V

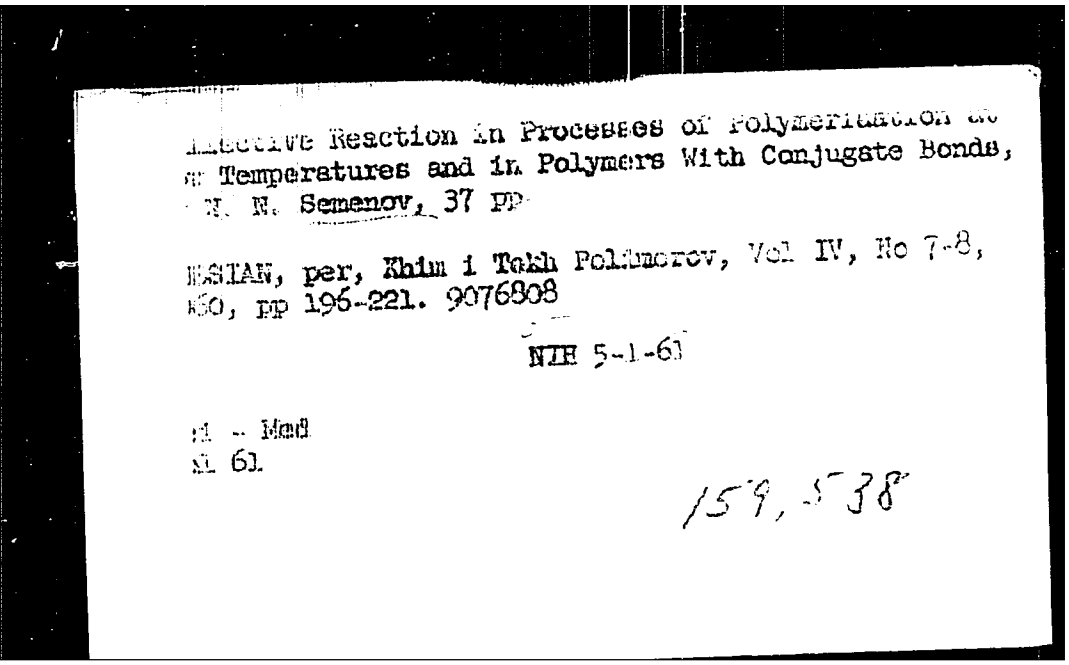
Sci - Chemistry

36,471

Jul 1956

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Reactive Reaction in Processes of Polymerization at
Temperatures and in Polymers With Conjugate Bonds,
N. N. Semenov, 37 pp

RSIAN, per, Khim i Tekh Polimerov, Vol IV, No 7-8,
50, pp 196-221. 9076808

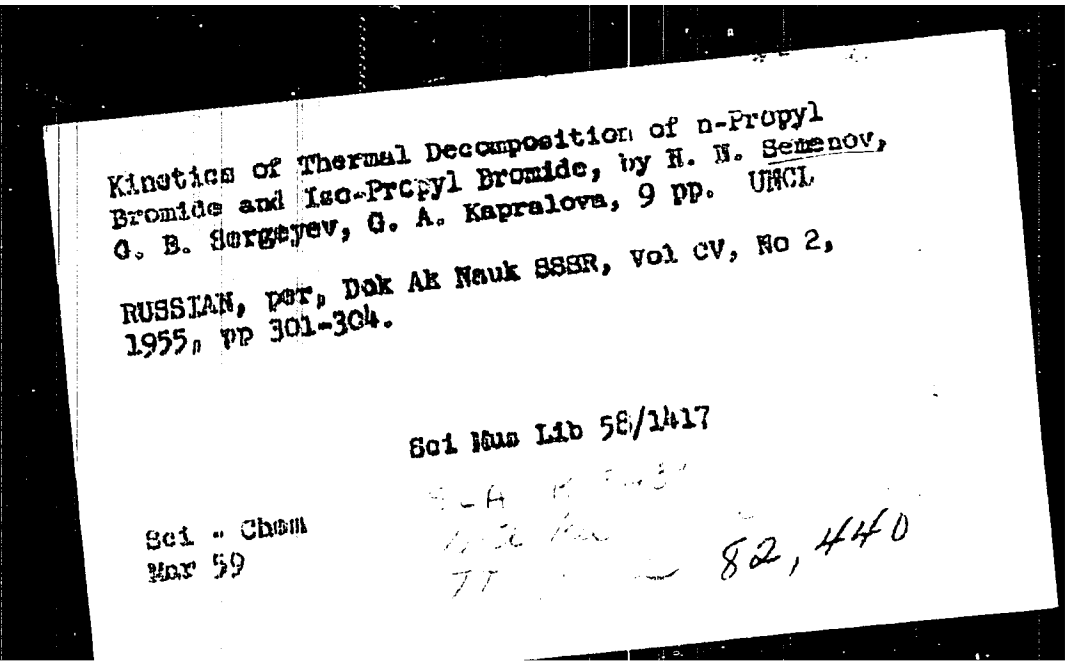
NIH 5-1-61

M - Med
XL 61

159,538

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8



Kinetics of Thermal Decomposition of n-Propyl Bromide and Iso-Propyl Bromide, by N. N. Semenov, G. B. Sergeyev, G. A. Kapralova, 9 pp. UNCL

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CV, No 2, 1955, pp 301-304.

Sci Mus Lib 58/1417

Sci - Chem
Mar 59

82,440

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000100670024-8